

**SITE NUMBER:** B-R6-01

**LOCAL NAME:** Lefler's

**WRIA:** 20.0237D

**NORTH COAST OFF CHANNEL SITE INVENTORY DATA**

**RIVER SYSTEM:** Bogachiel    **DATE:** 4/12/89    **OBSERVER:** Nettnin

**CHANNEL TYPE:** Terrace tributary (wall-based)

**TRIBUTARY TO:** Bogachiel River - 20.0162

**SITE LOCATION:** R.B. @ River mile - 12.9 (WDF)

**LEGAL DESCRIPTION:** NW1/4 S28 T28N R13W

	UPPER END	LOWER END	RIVER TEMP
<b><u>WATER TEMP:</u></b>	53 F	56 F	47 F

<b><u>FLOW (CFS):</u></b>	< 0.25	0.5 - 1.0
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**SUBSTRATE:** Lower end: Silt & mud. Upper end: Silt covered gravel.

**SITE SIZE:**

- Length-** 950 m
- Width-** Surface = 2 to 3 ft (excluding pond)  
Channel = 6 to 12 ft (excluding pond)
- Depth-** 4 to 10 inches (excluding pond)

**WATER SOURCE:** Springs and small valley-wall tribs.

**DIRECTIONS TO SITE:** Heading north on Hwy 101, turn left approx. 0.2 miles north of mile post 187 onto a long driveway. The driveway crosses B-R6-01 just after turning off Hwy 101. Channel B-R6-01 lies just west of (and parallel to) Hwy 101.

**FISH ACCESS AND CURRENT USE:** Fish appear to have unrestricted access to at least the lower 500 m of the channel. Numerous 0+ coho and trout were seen in the lower end of the channel. Two minnow traps, placed about 500 m above the mouth of B-R6-01 were left overnight and caught eight 1+ coho. These fish ranged from 110 to 115 mm.

**FLOODING POTENTIAL:** Low.

**LANDOWNER:** Harry Lefler and others (unknown).

**COMMENTS & RECOMMENDATIONS:** B-R6-01 appears to have good winter rearing potential. Mr. Lefler says the channel tends to dry up rather quickly in the Spring once the rain stops. Apparently, Mr. Lefler excavated most of this channel years ago to provide drainage for his field. He had noticed fry in the channel before, but was quite surprised when shown the 1 + coho that were caught. The area 700 to 750 m up from the mouth (i.e. near the blue building) has been filled in. This has isolated the upper portion of the marsh. The ground in this upper area appears to be a thin layer of soil over a deep layer of gravel which allows good drainage. Mr. Lefler seems cooperative and may be open to any proposed excavations. A beaded channel with controls may work at this site. Channel has been smolt trapped in the past.

**RIVER SYSTEM:** Bogachiel

**SITE NUMBER:** B-R6-01

**POND NAME:** Lefler's Pond

**POND DATA SUPPLEMENT**

**DATE:** 4/12/89

**OBSERVER:** Nettnin

**INLET**

**OUTLET**

**WATER TEMPERATURE:** 50 F 51 F

**POND SIZE:**

**LENGTH -** 50 m

**WIDTH -** 50 m

**EST. MAXIMUM DEPTH -** 2-3 ft

(If dry est. depth from high water mark on bank)

**WATER SOURCE:** Terrace trib and small RB valley wall tribs from the east side of Hwy 101.

**FISH ACCESS & CURRENT USE:** Unrestricted access to the pond and beyond. Eight coho smolts were caught 180 to 200 m upstream of the pond.

**TYPE & AMOUNT OF IN POND COVER:** Most cover is from grass around the perimeter of the pond. Old tires and other trash may also provide cover.

**COMMENTS & RECOMMENDATIONS:** This fairly shallow pond has apparently been formed by a slight rise in the ground near the outlet. No beaver dams or other restrictions were seen at the outlet. May be possible to deepen and enlarge the pond by using control structures and/or a levee. A dissolved oxygen measurement taken at the outlet of the pond showed 9 mg/l of water. A second D.O. reading of 8 mg/l was taken approximately 180 m upstream of the pond. Should monitor pond to see how quickly it dries up.

**DATE:** 5/10/89

These observations were made during an extended dry period. There has been no significant rainfall since early April. The upper marsh area and that portion of the channel above the upper road crossing are dry. A small amount of water was seen at the lower road crossing but there was no discernable flow. The lower pond is about 75% dry. The lower channel goes dry shortly below the pond outlet.

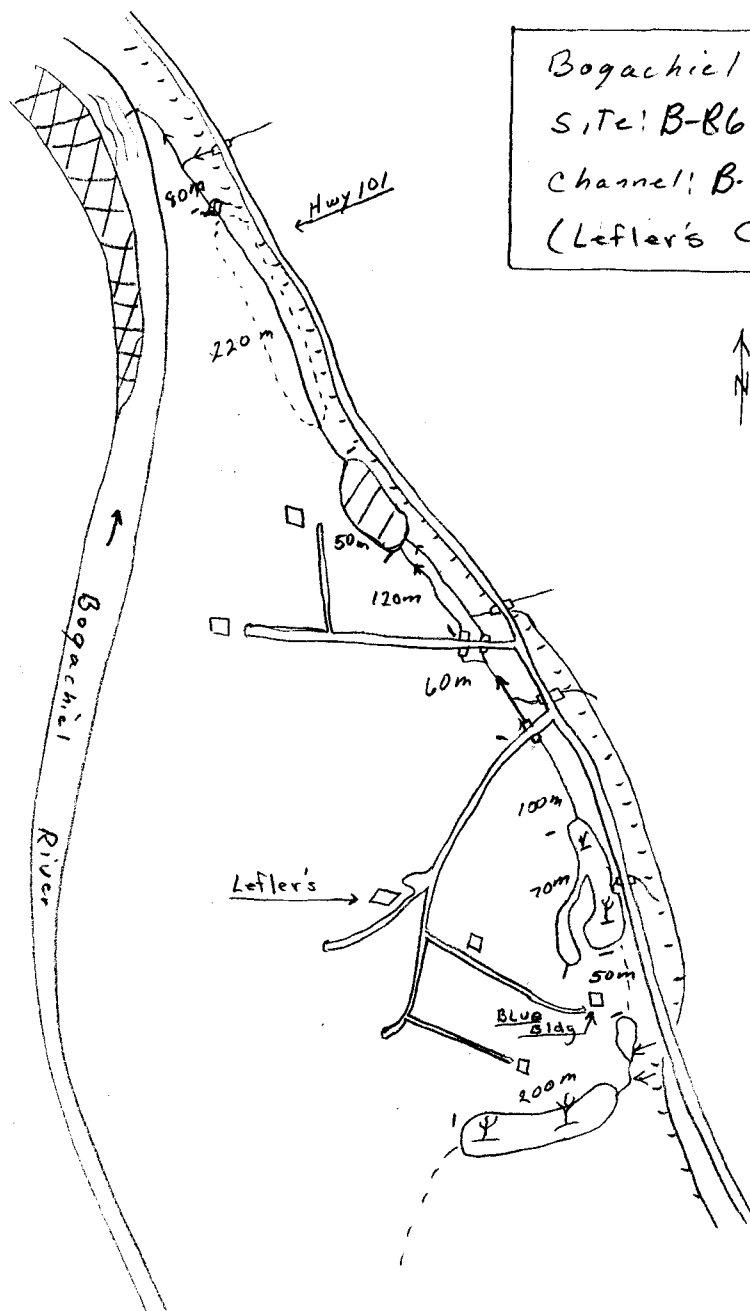
**DATE:** 10/26/89

**OBSERVER:** Young

About 5 inches of rain has fallen over the last week. At present flows the conditions at the mouth of B-R6-01 are excellent with a nice back eddy created by the rip rap just downstream. 20 meters out from the mouth of B-R6-01 the river is moving very fast.

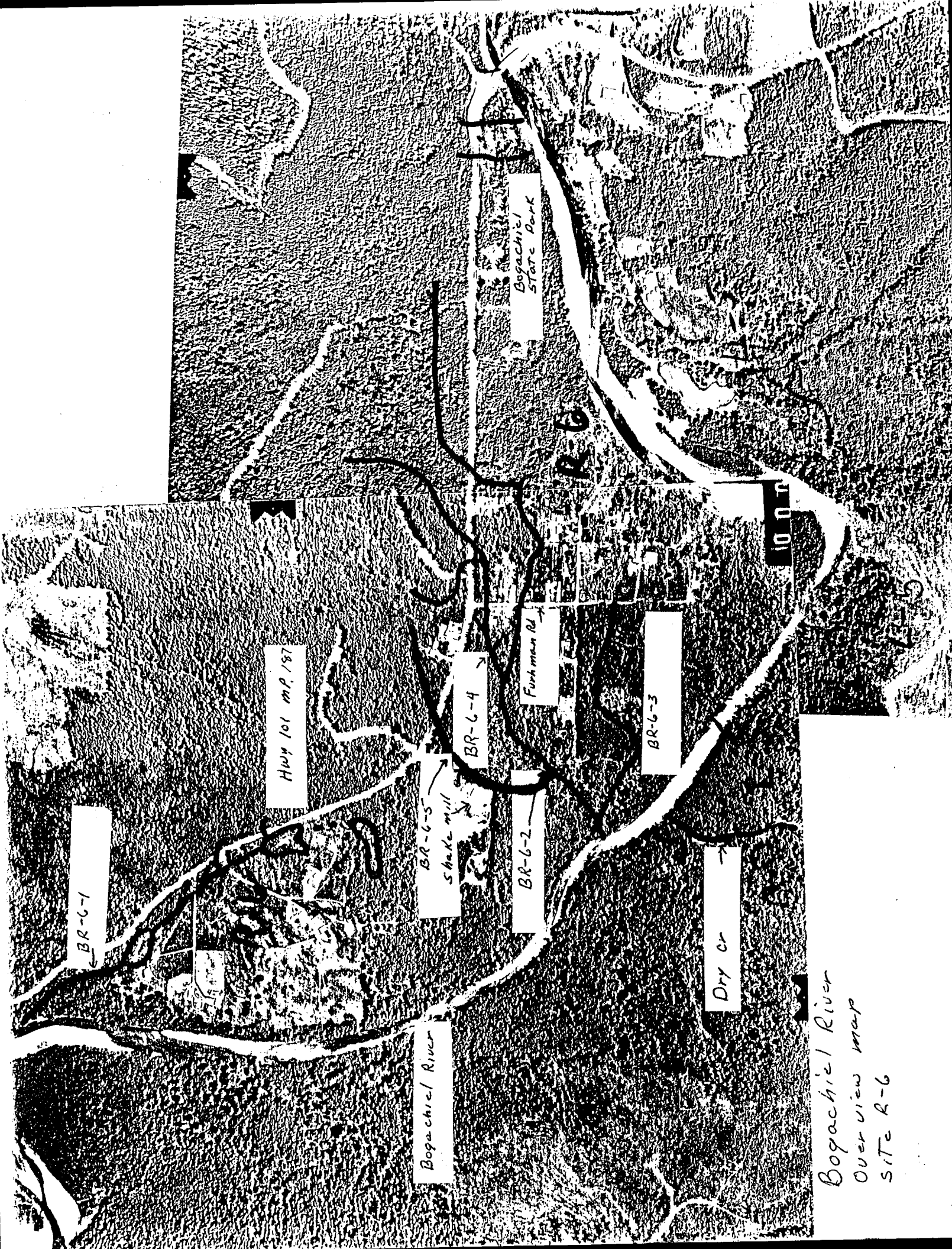
Present flow in B-R6-01 was estimated at 2-3 cfs. The water was somewhat murky with about a 1 to 1.5 ft visibility. The water temp was 11.5 C in the channel while the river temp was running at 10 C.

Saw several small salmonids attempting to jump from the plunge pool and over a small (1 ft) falls 80 meters above the mouth of the channel. Saw one juvenile coho make the jump and negotiate its way through the short area of "sheet flow" just above the falls.



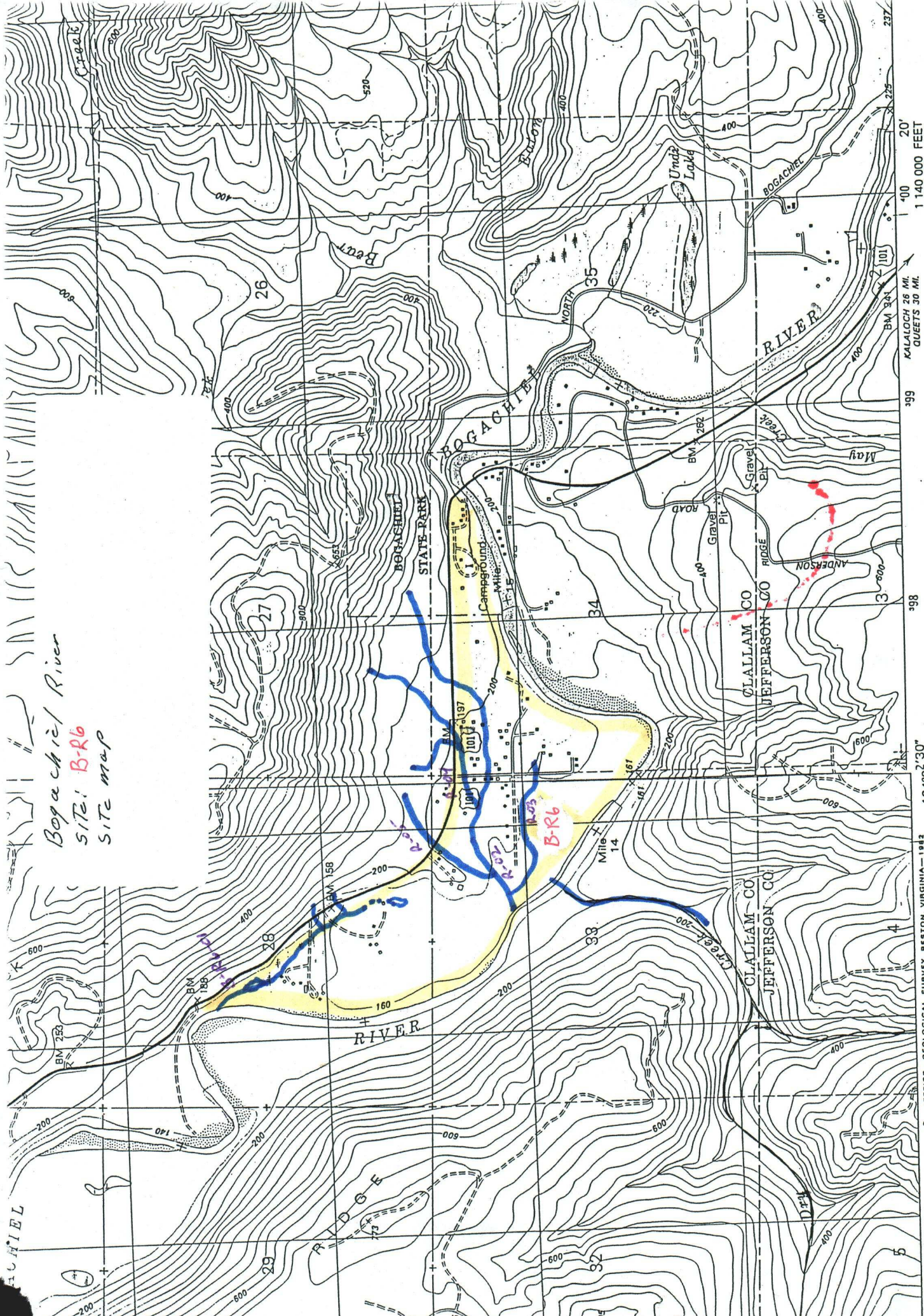
Bogachiel River  
Site: B-R6  
Channel: B-R6-01  
(Lefler's Channel)

Enlarge 120%



Bogachiel River  
Over view map  
SITE R-6





Bogachiel River  
SITE: B-R6  
SITE map

ROAD CLASSIFICATION  
Primary highway,  
Light duty road, hard or

ANDERSON